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05/09/2004 06:39 PM

To
Subject Notes of May 4 teleconference
Saugat Area 2 Site, Saugat, IL

Here is a summary of the May 4, 2004 construction meeting. Please let me know if you have any additions/corrections.

Please also remember that the next call is on Tuesday May 11, 2004. The call in number is 954-797-0718. The Participant Code is 758751.

Attendees:

Nabil Fayoumi – via teleconference
Sandra Bron – via teleconference
Chris English – via teleconference
Clair Morris – via teleconference
Ning Li
Steve Smith - via teleconference
Glen Kurowski– via teleconference
Richard Williams
Richard Ashley

Safety:

- There have been no incident/injuries in the past 108 working days. Daily safety meetings continue each morning prior to beginning the work day.

Slurry Wall:

- Excavation and backfill continue. Current activities center on mixing and placing backfill along the north-south leg of the wall. Approximately 750 cubic yards of prepared backfill were placed last week. The slow placement rate was the result of equipment breakdown and the need to keep at least 40 feet of space between the toe of the backfill and the excavation face. However, we expect a productive week, with about 300 cubic yards placed on Monday, May 3.
- All of the excavating equipment (The Koehring 1266 trackhoe and the two clamshells) is working along the south leg. This results in very tight working conditions. Because of space limitations, not all three pieces of equipment can work at the same time and production is slow at times. This is expected to improve as the excavated trench becomes longer.
- Work continues on Riverview Avenue in preparation for future barrier wall installation. Traffic will be controlled at this location for the duration of the current effort. Utilities

(phone and electrical) will be relocated this week.

- There will be several penetrations of the northern leg of the slurry wall along Riverview Avenue, where existing utilities cross the wall alignment. Several of these lines are no longer used and these will be abandoned. Those that are to remain in service will be encased in concrete prior to excavation by the Koehring 1266. The need to excavate around these lines will slow excavation progress, but is a fairly routine part of slurry wall construction. All of the penetrations are well above the groundwater table. Consequently, the integrity of the slurry wall will not be affected.

GMCS Pumping System:

- The GMCS pumping system was not discussed at this meeting. However, it is noted that the extraction wells are currently operating in accordance with the pumping rates consistent with the river level lookup table for "no wall" conditions. We are pumping about 380 to 400 GPM per well or about 2,000,000 GPD. All data indicate that control of the groundwater is being maintained.

Other Items:

- Work will continue to progress on the basis of five-10 hour shifts per week. Options for accelerating the schedule are being evaluated and will be presented and discussed at the next meeting. These options include working 6 days per week, working 7 days per week using two crews (one for 4 days and the other for 3 days), and working two shifts per day.
- Inquip is preparing a response to the issue of increased trench slurry sand content that was reported in the Oversight Weekly Report. Inquip will review the data and assess the need for corrective actions. If such actions are judged to be necessary, recommendations will be provided. This response will be forwarded to Jim Schneider of CH2M Hill and will be discussed at our next meeting. The major issues with high slurry sand content are: increased density and, hence, the possibility that the backfill will not displace the slurry; the increased difficulty in working with, and pumping, the heavy slurry; and settling of sand out of suspension when the sand content gets very high. De-sanding equipment is on site and will be used if the sand content increases to unacceptable levels.
- High slurry viscosity continues to be an issue, although the situation is improving. Inquip and Meuser Rutledge will prepare a letter that addresses the question of an acceptable range for slurry viscosity. That response will be provided by May 7th, 2004. This will be reviewed by Jim Schneider of CH2M Hill and also discussed at our next meeting. He has reviewed the viscosity data obtained to date and is of the opinion that the slurry is still acceptable since there is at least 15 pcf difference between the slurry and the backfill densities.
- Discussion was held regarding activities planned for Sauget Area 1. A teleconference is scheduled for Thursday May 6. The primary purpose of the call is to confirm the scope of

the planned removal activities and to ensure that there is a common understanding among all parties about the purpose of these actions. The desire of the companies performing the removal action is to make this part of the final remedy for the creek, if at all possible. However, they understand that the Agencies cannot give such assurances at this time. A conceptual plan is being developed for the proposed removal work. This plan will address the schedule and the extent of the removal action.

Next Meeting:

- The next regular meeting will be on Tuesday, May 11, 2004 at 10:00 am.

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